

MAP OF A PART OF THE WILLISTON QUADRANGLE, FLORIDA

Henry Gannett, Chief Topographer
Gilbert Thompson, Chief Geographer
Control by H. L. Baldwin, Jr.
Topography by Wm. L. Miller and Wm. H. Griffin
under direction of H. L. Baldwin, Jr.
Surveyed in 1893

SHOWING SINKHOLE TOPOGRAPHY

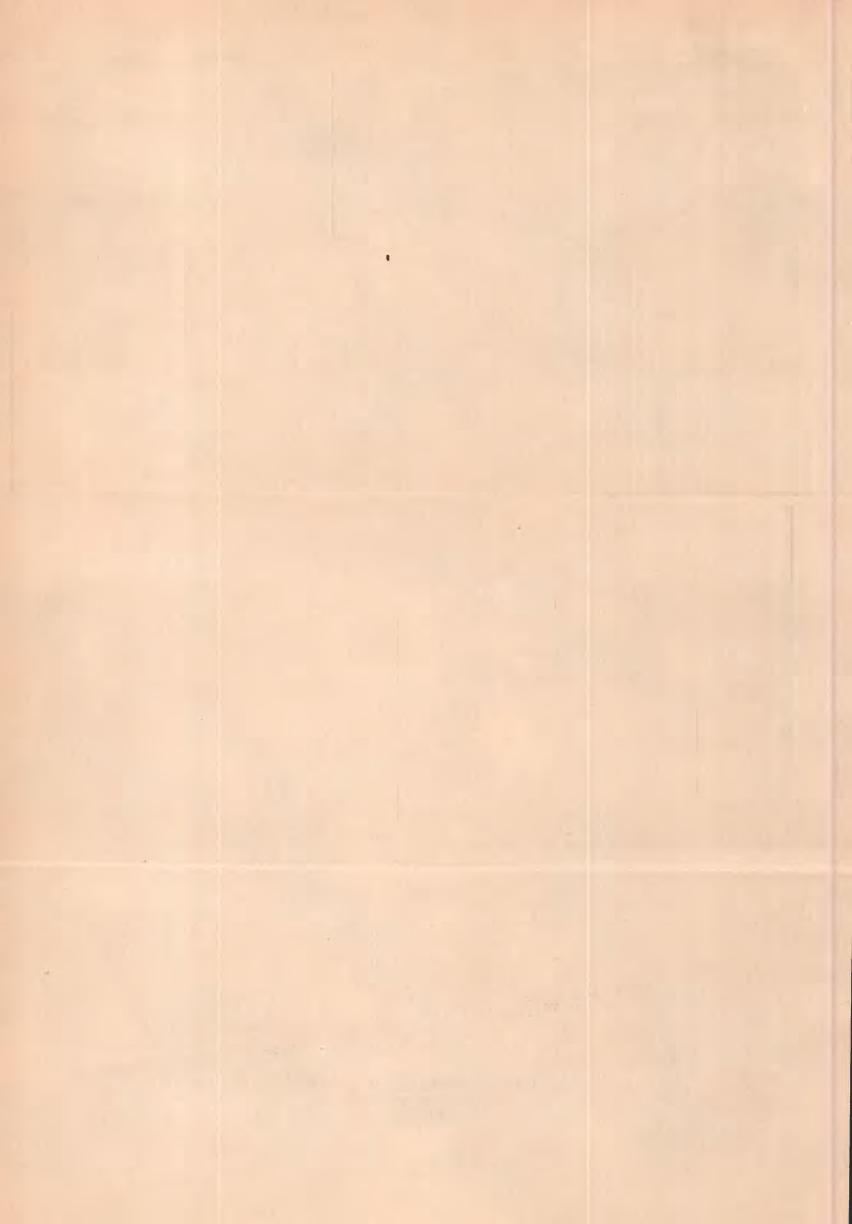
Scale 62,500

1 2 Miles

Contour interval 10 feet

Datum is mean sealered

1913





A. SINK HOLE, ALACHUA COUNTY.



 $\it B.$ SINK HOLE CONTAINING POND, 10 MILES SOUTHEAST OF VERNON, WASHINGTON COUNTY.



A. SINK OF SANTA FE RIVER.



B. DRAINAGE SINK OF OCLAHATCHEE LAKE, 7 OR 8 MILES SOUTH OF LAKE PARK, GA.



A. PLEISTOCENE TERRACE AND ESCARPMENT BORDERING ST. MARYS RIVER ON FLORIDA SIDE, OPPOSITE TRADERS HILL, GA.



B. OLD WELL OF SPANISH TYPE, ST. AUGUSTINE.





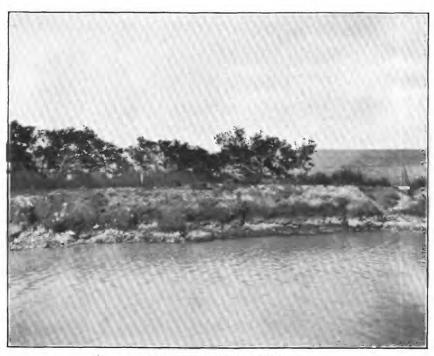
A. MANGROVE KEY, WATER'S EDGE.



B. ROOT GROWTH OF MANGROVES, SOUTH END OF KEY VACA.



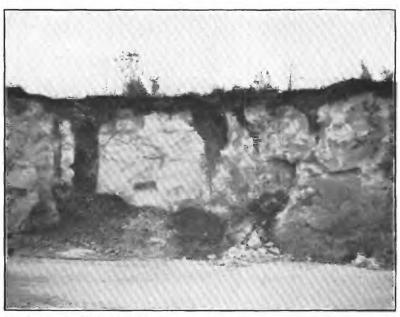
A. BEACH RIDGE OF CORAL AND SHELL SAND, KNIGHTS KEY.



B. CALCAREOUS SAND ON REEF ROCK.



A. SECTION IN QUARRY OF OCALA LIME CO. AT OCALA.



B. QUARRY OF OCALA LIME CO. (OLD PHILLIPS QUARRY) 1 MILE SOUTHEAST OF OCALA.



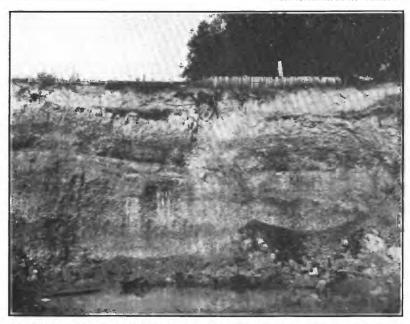


A. LIMESTONE OF TAMPA FORMATION EXPOSED ALONG SIXMILE CREEK A QUARTER OF A MILE BELOW ATLANTIC COAST LINE RAILWAY BRIDGE, HILLSBOROUGH COUNTY.

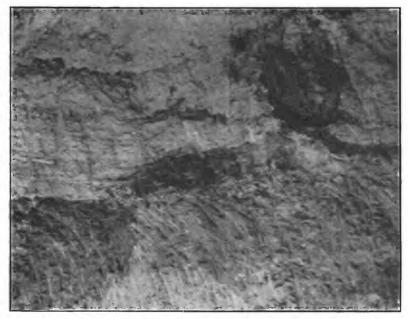


B. LIMESTONE OF CHATTAHOOCHEE FORMATION ON WITHLACOOCHEE RIVER AT NEW BRIDGE (OR HORN BRIDGE), 3 MILES BELOW GEORGIA & FLORIDA RAILWAY BRIDGE, LOWNDES COUNTY, GA.





 ${\it A.}$ CONTACT OF NASHUA MARL AND PLEISTOCENE SAND A QUARTER OF A MILE BELOW NASHUA, ON ST. JOHNS RIVER.



 B_{\star} CLAY UNCONFORMABLY OVERLYING NASHUA MARL IN PIT ABOUT HALF A MILE SOUTH OF DE LEON SPRINGS STATION.





A. CONGLOMERATE OF LAFAYETTE (?) FORMATION, RESTING ON SANDSTONE OF UNCERTAIN AGE, TOP OF ROCK HILL, WASHINGTON COUNTY.



B. ROCK FACE IN COQUINA QUARRY, ANASTASIA ISLAND.



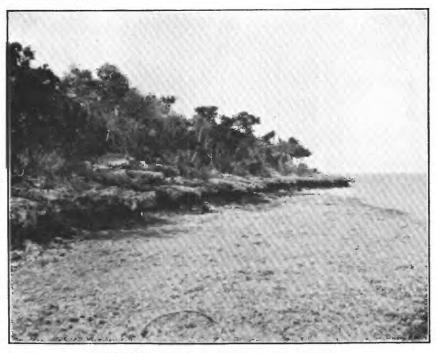


A. COQUINA ROCK ON GULF SIDE OF SARASOTA KEY.

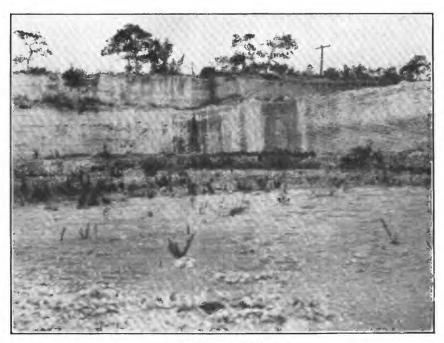


B. TURTLE MOUND, AN ANCIENT SHELL MOUND ON NORTH INDIAN RIVER.





A. REEF ROCK, KEY LARGO LIMESTONE, SHOWING EROSION.



B. QUARRY IN MIAMI OOLITE.

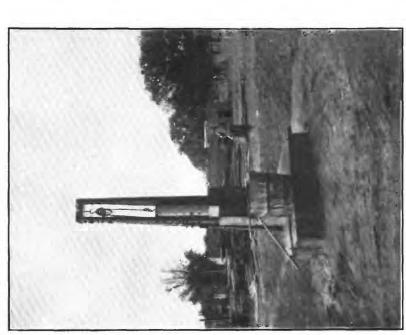


A. REEF ROCK, KEY LARGO LIMESTONE, CORAL HEAD.

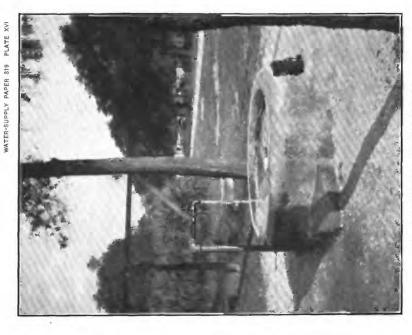


B. MUD CRACKS IN CRUSTAL LAYERS OF KEY WEST OOLITE.





illustrating type of bored well and bucket in use in Gadsden County, A. WELL AT QUINCY.



With provision for shutting off water when not in use. B. FLOWING WELL AT NEW SMYRNA.

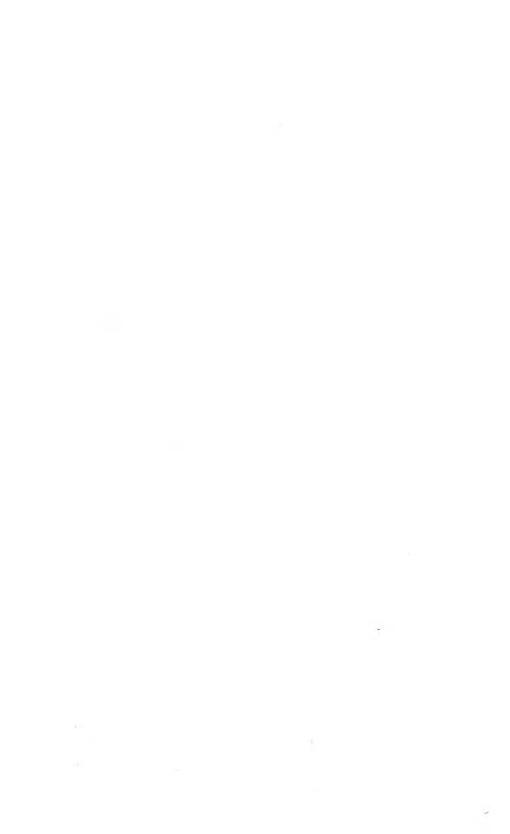




A. WATERWHEEL FOR PUMPING WATER, CALOOSAHATCHEE RIVER.



B. WEKIVA SPRING, SHOWING SPRING AND BATHHOUSE.



			1	-		Wells or sp	- seego.						Water		1	Ī		Water.	1	
Location. Source. Ownership. Daily consumption.	Num- ber.	Diam- eter.	Depth.	Topo- graphic location.	Relation to town.	Reservoir of	Elevation above town.	Fire hy- drants.	Mains.	Do- mestic pres- sure.	Fire pressure.	Character of pressure.	Meters.	Quality.	Geologie source.	Sufficiency.	Remarks.			
ALACHUA COUNTY.			Gallons.		Inches.	Feet.			Gallons.	Feet.		Miles.	Pounds.	Pounds.						
ainesville	Spring and well.	City	250,000	1	12	194	Sandy roll- ing up- land.	90 feet be- low.			92	11	40	90	Pumped from well	35 per cent.	Slightly hard		Sufficient	
BRADFORD COUNTY.	Cim-	T W Walls						Near	Small.	30	0	1				None	Soft	Diaistasana	Contract	
CLAY COUNTY.	spring	J. W. Wells					vancy	Neat	Sman.	30		- 1				None	Butt	Pleistocene	Sufficient	
reen Cove Springs	Wells	N. B. Ivey	Not measured.	2	4	500,815	Plain	In	None.	0			30±	30±	Artesian	None	Hard and sulphur	"Peninsular" limestone	Sufficient	Another well supplies part of town.
COLUMBIA COUNTY.	Well	City	150,000	1	10	400	Plain	Same	41,250	None.		6-8	40	80-100	Pumped from basin	None	Hard, some sulphur		Sufficient	
DE SOTO COUNTY.																				
DUVAL COUNTY.	Well	City		1	8	375	Plain	In	50,000	125 (top).	20+	11			Pumped from well	None	Hard	"Peninsular" limestone	Sufficient	
shle Deach	Well	John S. Christopher	Not estimated.	111	8,12	511 650-1,020	Plain	do	None. Small.		0 553	1±	64	100	ArtesianPumped from reservoir	Yes	do	"Peninsular" limestonedo		
iversideuth Jacksonville	do	City	Not measured.	4 2			do	do		0	0	3	20		Artesian	None	do	do	do	
ESCAMBIA COUNTY.	Well	German-American Lumber Co.		1	6	200	Plain		60,000	85	4	1				None	Hard	"Peninsular" limestone	Sufficient	
ensacola	Wells	City	650,000	13	6	112-150	Valley	In		200	195	21	75			Some	Soft			Wells used all within a radius of 200 feet.
FRANKLIN COUNTY.	Well	Apalachicola Water Co	30,000	1	6	363	Plain	In	100,000	110	58	31	125		Pumped from basin	Some	Hard and sulphur.	Vicksburgian limestone	Sufficient	
GADSDEN COUNTY.						000	71-7-		G11											purposes.
Consideration to proper section of the section of t	Well	Havana Tobacco Co	50,000	1	6	266 766	Plain Valley	Near	Small. 60,000	100	35	3	85	105		do	Hard, sulphur	Marianna limestonedo	Sufficient	
HILLSBOROUGH COUNTY.	Wells	Tom Taylor	25,000	3	4,6	52-80	Plain	In	10,000	70	0	·····i	25		Pumped from wells	Some	Hard	Tampa formation	Sufficient	System being installed.
ant City	. Well	Tom Taylor	2,750,000	1	8, 10	340		At edge In	50,000 60,000 110,000	100 100 47+			65 60	100	Pumped from basin	None	Soft	"Peninsular" limestone		System being installed. Used as supply for hotel. System being installed. The water was obtained at less than 180 fee
		Citydo		used).	6	65–105		do	60,000	100 85	20 35	0.00			Pumped from lake		phur.	"Peninsular" limestonedo		Supply being installed.
est Tampa	wells.	West Tampa Water Co	500,000	4	6			do	100,000		55				Pumped from well	Some	phur. Hard	do	ficient. Sufficient	
JACKSON COUNTY.	Wall	towards towards as Co	10.000		_	909	Dlain	At mill	20.000	20.1	94		15	950	Duraned from wells	None	Hond	Marianna limentana	G-off -t	
ycockarianna ate Reform School	do	Aycock Lumber Co	19,000 5,000 6,000	1 1	6 8	386 276	do	At mill In	20,000 24,000 3,500	65 32	24	3 1	15 32 15	100	do	do	do	Marianna timestonedodo	l do	Some water used from a pond.
JEFFERSON COUNTY.																				
onticello	Wells	City	40,000	2	{ 8 6	800 400	Bottom of hill.	20 feet lower.	} 40,000	105	257		45	75	Pumped from basin	None	Hard		Sufficient	Additional eistern with 100,000 gallons capac
LAFAYETTE COUNTY.	Well	Private	10,000	1	3	120	Sandy up-	Little	16,000	70		1			Gravity	None	Hard		Sufficient	Wooden tank
LAKE COUNTY.	100000000000000000000000000000000000000					98	land.	lower.												
LEON COUNTY.	. Wells	Private	30,000	3	$\left\{\begin{array}{c}2\frac{1}{2}\\2\frac{1}{2}\end{array}\right]$	100 101	Plain		20,000	60	12	21/2				None	Hard		Sufficient	
allahassee	Wells	Private		3	8 10 12	717 400 400	Rolling	Lower	235,000	100	66		50	100	Pumped from basin	Yes	Hard		Sufficient	
MADISON COUNTY.	337-33	CM-	70.000		12	900	Tran	About	129 000		20		==		Convite from basin	None	Uned		N-1 -100	
MANATEE COUNTY.	. weil	City	70,000	1	4	200	n	A bout same.	102,000		02		55		Gravity from basin	None	naru		cient.	Cistern 15 feet diameter by 10 feet deep.
radentowr	Wells	City		2	6	410,427	Plain	In	75,000	100 (top).	9	2	55	145	Pumped from wells	None	Sulphur	"Peninsular" limestone	Sufficient	System being installed.
MARION COUNTY.	Well	City	60,000±	1	8	155	Plain	Same	40,000	30	5	2	24	60		None	Hard		Sufficient	
NASSAU COUNTY.	Wells	Prívate	500,000	2	12	190	do	***********	112,000	80	91	9	50	50		. 333 per et	do		do	Cistern 2½ feet diameter by 13 feet deep.
allahan	Well	City	600,000	1 2	3 6,8	600±		In At edge	None. 110,000	100	0 54	62	43	110	Artesian	None	Hard and sulphur.	"Peninsular" limestonedo	Sufficient	
ORANGE COUNTY.																				
rlandoanford	Lake and wells.	Orlando Water & Light Co Sanford Water Co	1,000,000				Plain	i mile	101,000 300,000	120 38	58 42	15 12	40 40	100 60	Pumped from source	Nonedo	Soft (well water sulphur).		Sufficientdo	The water is usually taken from lake.
POLK COUNTY.		City	75 000	1	R	720-725	Plain	In	50,000	90 (ton)	50		40	100	Pumped from well	None		"Peninsular" limestone	Sufficient	
artowakelandulberry	Wellsdo	City Lakeland Water Co L. N. Pipkin	75,000 75,000 10,000	1 4	10 1,3,4	600 150	do	do	50,000	90 (top). 100 42	50 35 7	4-5	45 40	100 125	do	do	do	dodo	do	More wells will be drilled.
PUTNAM COUNTY.																				
escent Cityalatka	Springs and wells.	C. H. Cash		test			Valley	At edge	375,000	65		15	65	150		None	Soft	Pliocene	Not suffi-	Intended to increase the amount of water.
ST. JOHN COUNTY.				wells.							-									
. Augustine	Wells	St. Augustine Waterworks Co.	900,000	Several.	10,12	525	Plain	At edge	286,000	100	131	6	157	100			Hard and sulphur.	"Peninsular" limestone	Sufficient	
SUWANNEE COUNTY. ve Oak	Well	City'	500,000	1	6	1,080	Plain	At edge	85,000	83+	37	5	43	70		None	Hard	"Peninsular" limestone	Sufficient	Cistern 25 feet diameter by 15 feet deep.
TAYLOR COUNTY.						3,555			200											and the same of th
VOLUSIA COUNTY.	Well	City		1	10		Plain	At edge		116	16		•••••		Gravity	None	Hard		Sufficient	
e Land	Wells	City	750,000	2	6,10	490, 264	Plain	In	46,000 60,000	100 90	29 15		45 65	125 125	Pumped from well	Yes	Hard	"Peninsular" limestone	Sufficient	
ville a	Well		20,000	1	10	117		At edge	60,000		15		03	125					uo	
WALTON COUNTY.	Well	City Blackman & McLean	(8)	1	8	180	Plain	In	None.	0	0	1	35±	35±	Artesian	None			Sufficient	
e Funiak Springs	Springs	Blackman & McLean Beach-Rogers Lumber Co	(b) (b)	1	4	186	do	At edge	12,000	0 35	0	2	35± 15	35± 15		do	do		Sufficient for hotel and	· ·
WASHINGTON COUNTY.	Well	Town	50,000	1	8,10	160		In	60,000	86	2 or 3	35				None	Hard	Marianna limestone	mill.	
rnon	do	Town and county	50,000 6,000	1	6	190	do	do	60,000 10,000	86 52								do		

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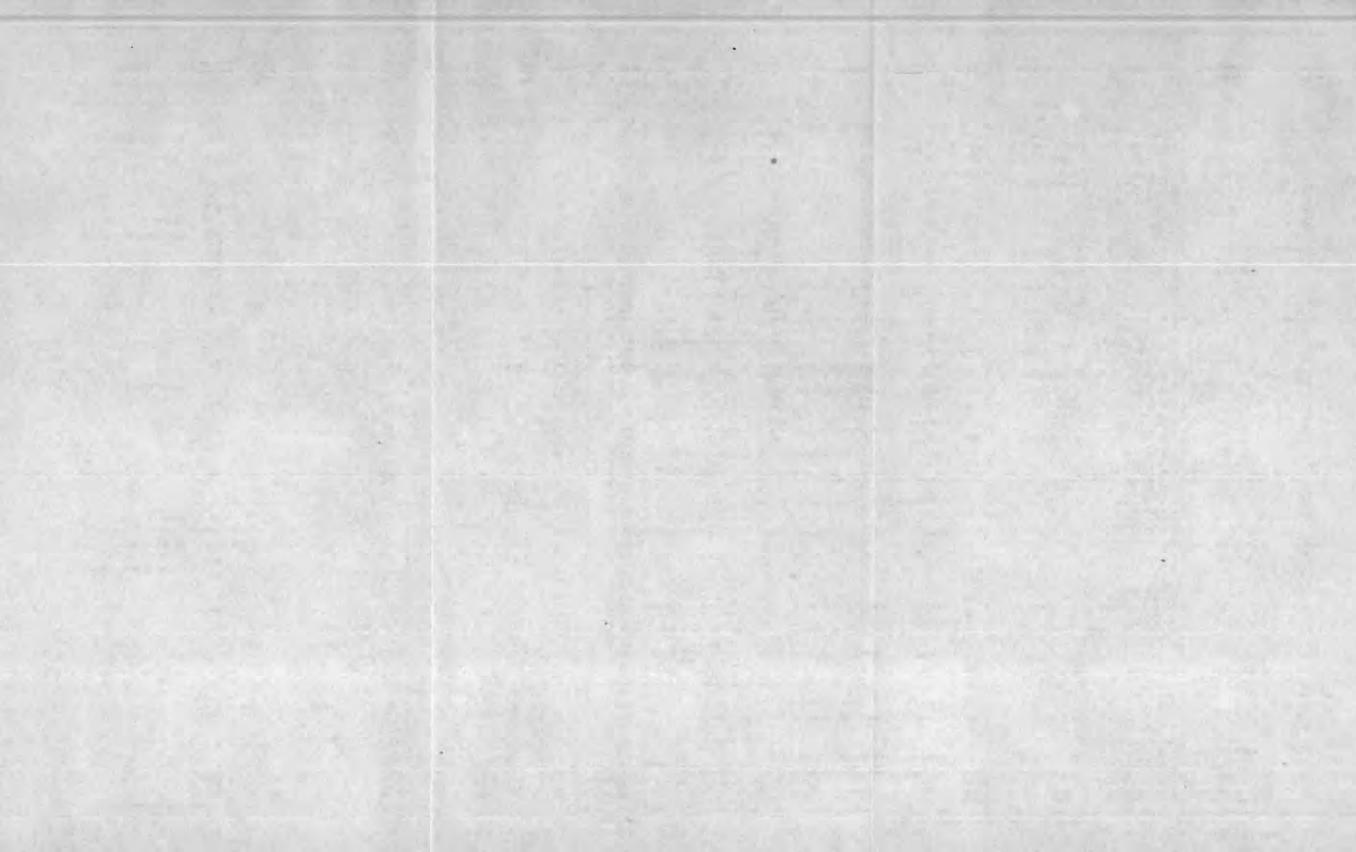
Nearest town or post office.	Direction and distance.	Owner.	Driller.	Date sunk.	Surface formation.	Geologic source.	Type of well.	Use.	Depth.	Diam- eter.	Casing.	Eleva- tion above sea.	Above sea.	Above surface.	Depth to rock.	Depth to princi- pal supply.	Quality of water.	Yield per minute.	Remarks.
artesia	Near	J. H. Hogan a			*****************			Irrigation	Feet.	Inches.	Feet.	Feet.	Fect.	Feet.	Feet.	Feet. 300	Hard, sulphur	Gallons. ? 100	
Do	. 2 miles north	Raymond & Holman a C. A. Welch, jr.a						do	425 160 300+	4 3		14 15		18 8 12	240	235	do	7 100 50 50	
Banyan	- * mile south	L. Mathers a		A Same		Control of the Contro	The state of the s	General	300 190	4 4		Few. Few.		3 15	b 60		Sulphur Soft.		
anaveral Lighthouse		Lighthouse		1		Vicksburgian lime- stone.		Domestic	313	4	81½ 90–100		10	10		185+ 150 and	Sulphur		Forms scale in boilers.
Do	- Inne southwest.	County school board W. F. Dixon						and boilers.	200	4	100	c 10 20		12 15	10	below. 180-250	Hard, sulphur	2000 000000	Forms scare in boners.
Do	2 miles	J. A. Fiske						Drinking, irrigation, and stock.	368	3	100			30	32	100	Suipnur		150 fact of mestaction of
Do		S. G. Hardee					Act and the second	Domestic and irri-	165 260	3	100 100±	c 8 - c 7		20+		160 160	Sulphur and trace of salt. Sulphur	Many.	150 feet of protective of present. Increased yield at 160 feet
Do		do		1				gation.	390	4	100±	c7	*********	20		160	do	200	Increased yield at 100 feet
		Dr. W. L. Hughlett					12.2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	do	350	3	100±	07		20		160	do	Many.	
		L. M. Huglet a				100000000000000000000000000000000000000	The second secon	otook	276	3	75	c 10	*******	22	20	225–230 265	Sulphur and trace of salt. Hard, salty, alkaline,	Many.	Corrodes boilers.
Do		J. G. Powell				Vicksburgian lime-	100000000000000000000000000000000000000		150	2	90	15		15	90	150	sulphur. Sulphur.		
Do	dodo	Joseph Smith J. H. Davis			do	stone.	do	Stock	200	2	60	c 15					do	Several.	Corrodes boilers.
Do	do	M S Davis	do	1901	do	do	do	Spraying trans	170	4	80	c6		9		80+	Sulphur and trace of salt.	Few.	
Doau Gallie	4 miles south mile southeast	T. H. Sanders a. East Coast Lumber	Capt. Near		Pleistocene	Vicksburgian lime-	Drilled	Spraying trees Irrigation, farm Water power and	180	2 6	80	c6	50		140	170 315+	Salt, sulphurSulphur	50	
Do		Kentucky Military In-						fire protection. Domestic	440	3,2		c 12	50				do	Many.	
Do	do	The second secon							335	2	100	c 10	50			335	do	Many.	
Do	Near	John McAllister a Capt. Near ado						Irrigationdo	? 435 325	13		12	38		200 95	220+ 230	do	Many. Many.	
Do		do	Capt. Near		Pleistocene	Vicksburgian lime- stone.		Domestic	340	2	95	c10	50			230+	do	Many.	Second supply at 25 feet.
Do	1 mile south	Geo. F. Paddison	Capt. Near	1887	do			Domestic	337	11/2		68	52 50			237	do	Many.	
		C. J. Young		100000000000000000000000000000000000000		Vicksburgian lime.	The second secon	Manufacturing plant. Domestic	484	6 2		c10	50		70	300	Hard, sulphur	? 2,500 Many.	
		Mary Young				stone.		1	315	2	95	Few.	****		70	230-315	do	Many.	
		Indian River & Lake Worth Fish & IceCo.				do	- V. Jahr - V. V.	and irrigation. Cooling condensers	333	4	100	c 18	50			230-333	do	Many.	
		E, V, Vinell		1		do	200000000000000000000000000000000000000	Irrigation and	350	4	80	04	45+			240	do	Many.	
eorgiana	1 4 mile southeast	F. W. Lyman a F. W. Munson a		1				Domestic	218 220	3 3		30 10	3		b 218 100	210	do	Many. Many.	
rant	Near	J. B. Wells estate a J. B. Welsh	Capt. Near	1896	Pleistocene	Vicksburgian	Drilled	Irrigation and	300	4 4	90	12	40		200	200 256	Hard, sulphur Sulphur	Many.	
ndianola Do	3 miles south	Mrs. J. B. Allen	Lapham	1896	do	dodo	do	Not used	180	2	100+	c6	35			180	Sulphur and slight salt.		No protective clay.
Do	mile southwest.	L. L. Crawford Ed. Hildreth	do	1898	do	do	do	Domestic and irrigation.	205?	2	60	8		16+	*********	200	do	Many.	
Do		J. Latham						Toilet and foun-	200	2	140	12	35			150	Sulphur		Second supply at 150 feet
		John McDonald							I have b	4	80	c 5		31		150	do	Many.	Power for pumping from shallow well.
		do				limestone.	The state of the state of	Not useddodo	300 300±	4	80	c 5		31 31	********	168 160	do	Many.	
Do		E. P. Mansfield	do	1905	dododo	dododo.	do	Hotel	300± 300± 200	6 3	80	c5	40+	31		150 150 75+	do	Many. Many.	
Do	1 mile south	G. W. Schuyler a Wyatt, Nesbit, et al				Vicksburgian	do	Domestic	200 210	3 2	100	10		18 18	75	200	Hard, salt, sulphur Sulphur	Many.	
Do	4 miles east	do	do			limestone.			145	2	140	c6		15		140	do	Many.	Similar well 8 miles south
Do	3 miles south	do	do		do	do	do		148	2	146	c 6		15		146	Sulphur and slight	Many.	Indianola.
		Mrs. Thos. Green					A	Irrigation and drinking.	257	3	80	¢8	30			195	Sulphur	Many.	
Talabar	Near	G. Ronald E. P. Arnold a						Irrigation	271 300	3 3	81	6 8 33?	50 30		*********	44 260	Hard	Many. Many.	
Do	mile north	F. W. Comstock d F. A. Drake d						farm.	0.00	3		35	15		106	328	Sulphur	Monne	Second supply at 200 feet
Do		J. H. Ham d						Irrigation and	350 350	3		25 25	0		300 25	275 350	Hard, sulphurdo	Many.	Second supply at 280 fee
Defelbourne	1 mile south	H. C. Starek d Henry Bowden	Capt. Near		Pleistocene	Vicksburgian	Drilled		340 400	3		30?	15 50		107	300	Sulphur	Many. Many.	
Do		The state of the s		1 3		I limestone.	1	Irrigation and	400	6	73	c 20	50				do	Many.	
Do		Oliver Gibbs F. H. Fee and W. J.	do	- 1907	do	do	do	domestic. Domestic		4 3	100 200±	c 12	(+)	50			do	Many. Many.	
Do		Nesbit. M. D. Rhoades			do•		POST DIRECTOR	Domestic	-	1}	45	c3		2		43	Soft	Few.	
Do	1 mile south	F. J. Shanes & Co	Capt. Near	- 1905	do	Vicksburgian limestone.	Drilled	Cooling condens- ers.	382	3			50				Sulphur	Many.	
ferritts		J. R. Carter	2007		do		do	Stock and irriga-	150 175+	2	150	c 10	23	1			Sulphur and slight salt.	Many.	
Do Do	. I mile south		Cant Near	1898	dodo	do	do	Not used	200	6	- 30	c10	23 30				do	Many. Many.	Owns another similar we Power for electric light
							1		1		50	c12	23+	1			do	Many.	orange packing plant.
ficco depot						limestone (?)		Irrigation and do-		4		24		0	120		Hard, sulphur	Many.	
licco post office	. 1 mile south	S. R. Hurford d						mestic.	530 368	4	********	20		10 40	b 90	500	Sulphurdo	Many.	
Do Do	Near			1806	Pleistocene	Vickshurgian	Drilled	Irrigation	450	4 3		27		30 (+)	b 80	400	Sulphur	Many.	Second flow at 50 feet.
Rockledge		O. Carrier		1 - 1		limestone (?)do	do	Irrigation and	1	3		c8					Sulphur and trace of	Many.	
Do	do	do	Capt. Near		do	do	do	bathing,	. 386	4	120	c12		12			salt.	Several.	
	. 1 mile south	Edmund Day E. V. Douglass	Magruder		dodododo	dodododo	dodo	Irrigationdo	460	4	102	c10 c12 c8	(+)	29			Sulphur and trace of	Many. Many. Many.	
		Hotel Indian River	Capt Near		do		do	Hotel	1000	3		c15		15			salt.	Many.	
Do		A, H, McKown	- do	1907	(lO	do	do	Irrigation and	. 386	4	120 350	c15 c6		4 10			Sulphur	Several. Many.	Corrodes boilers and cop
Do	2 miles south	C. B. Magruder d						drinking.	. 312	4		********	15+	20		651	do	Many.	and bronze fittings.
Do		F. F. Taylord H. S. Williams d						Domestic	. 350	4		Few.	10+	23 20 25	12 130	304	do	Many.	Second flow, 190-250 feet.
Do	A COLUMN TO SERVICE A COLU	L. F. Petty					110000000000000000000000000000000000000	farm. Water power	310	6		c8			100	300±	Sulphur and some salt.	Many.	Owns two other similar w
***************************************	1					limestone.			1										one used for fountain other not used.
Roseland Do	mile east	W. W. Bisselld T. S. Draked						Irrigation and	465	4		20 20			b 60	400	Sulphurdo	Many.	
		O. W. Jacobs estate						house. Irrigation and drinking.	500	4	120		40				do	Many.	
Do	1 mile east	L. C. Moored	do	1893	do	dodo.	do	Hotel and planta-	. 462 350	3,4	120	40	40	0	b 100		do	Many.	
	do							do	451	3,4	4			. 0	b 100		do	Many.	
Sebastian		J. A. Grovesd						Irrigation and house.	460	4		30		. 16	F 100		do	Mony	Second flow at 18 feet.
	Near	Worth Fish Co.d Alex. Dial.					1	. Ice plant	. 385	4		c5		20	b 100	350 70	do	Many.	
				1867			. Drilled		. 350 . 150	3	100+	10		. 17	b 100	350 75	Sulphur and salt Brackish	Many.	
Do	do	do	do	. 1886	do		do	Irrigation (rarely used).	200	3		· 66		7 40		200	do	Many.	
	The state of the s	S. Hendry						Not used	1 000	3		. c8					Sulphur and trace of salt.	Many.	
Do	i mile south	J. S. Olive Capt. Sharp			Pleistocene			Irrigation, domes-	100 200	3	60	c10		10 9		90	Sulphur and salt	Several.	Second flow at 70 feet.
Do		Josiah Thompson Acme Extract Co	Capt. Near	1906	do			Water power Cooling condensers	. 180 s 180	0	1003	c 12 13	13	. 14			Too salty for drinking. Sulphur and brackish.	Many. Few.	Corrodes boilers.
Do	mile northwest.	do	do	1901	dodo		do	do Bathing and	- 282	2,3		c 8	(+)	. 3		210+	Strong salt and sulphur Sulphur		Do.
Do	16 miles east	F. E. Cave		1904	do		do	drinking. Drinking and stoc.	k 350	2	325	c6		. 10		325	Hard (?)	Many.	Donested the
				1896	do			Not used	. 780	4			(+)	12		300	Strong salt and sul- phur.	Many.	Reported thin bed of sa 50 feet; second flow a feet; corrodes boilers.
Do		. W. P. Giles		1907	do	Pleistocene	Driven	Boilers and	18	5	18	c5		-10		15+	Soft	Many.	teet, corroles bollers.
Do	9 miles portheast	Grandview Hotel Max J. Hoeck (head			do		. Drilled	Not used	350 267	4		e7 5		-10 16	b 140	300+ 218	Strong salt and sulphur Hard, sulphur	Many.	
	9 miles northeast.	Mosquito Lagoon)d	I Commence				1	form.	. 360	5	3	12		. 6			. Salt, mineral, sulphur.		
Do		. Indian River Hotel				limestone.		Fountain and drinking.	400±			c5		Few.			Strong salt	Many.	
	1 mile month		1					. Cooling conden- sers, ice factory.				. c8			b 60	200	Sulphur, trace salt	Many. Several.	
PropicValkaria	I mile north				Pleistocore		Drillad	Irrigation, etc Irrigation Not used	360	1		12 30 c12	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 4	92	310	Sulphurdo	70 Many.	
Vhite City		TEMPOROUS COMMODORITAN			- AUAUMUUALU		- arnassettle		100	1		- 10		111				7.0	

Typical wells of Duval County.

			100000000000000000000000000000000000000									Eleva-	He	ad	Denth	Depth		Depth to		
Nearest town or post office.	Direction and distance.	Owner.	Driller.	Date sunk.	Surface forma- tion.	Geologic source.	Type of well.	Use.	Depth.	Diam- eter.	Casing.	bove sea.	Above sea.	Above or below surface.	Depth to rock.	to prin- cipal supply.	Quality of water.	second supplies.	Yield per minute.	Remarks.
aldwin	# mile north	Atlantic Coast Line			Pleistocene	Jacksonville formation	. Drilled	Locomotives	Feet.	Inches.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.		Feet.	Gallons.	
Do	do	R. R	Stafford		do	Vicksburgian limestone?		Not used	. 580	5,3	511 92	Level.								Reported a failure.
Do		Seaboard Air Line Ry. Yellow Water School-			do	Jacksonville formation	Drilled	Locomotives	- 92	5	92	a 47		+0		92	Slight sulphur			
Do	6 miles southeast	house. Cotter, Lucas & Co		1906	do	Vicksburgian limestone?	do	Boilers, domestic, etc.	80±	4		a 40		+ +Several			Soft		Many.	No action in boilers.
ast Mayport		Florida East Coast			do	do	do	Locomotives	600	*		a 10		+					Many.	THE MODELLE POLICES.
oral Bluffort Georgeeksonville	2 miles east	Ry. Old hotel at Egleston. Gov. N. B. Broward. Armour Fertilizer Co	Hugh Partridge	1890	do do	Jacksonville formation? Vicksburgian limestone do	do	Not used	72 840? 600±	3 2½ 4	600	Few.		-Few. + +40+		600+ 300+	Sulphurdo	300	Many. 300+	Forms scale in boilers.
	2 miles northeast	Atlantic Coast Line	200000000000000000000000000000000000000		do	do	do	ers.	708	6		14		+50		487	***************	300, 399	400	Formerly belonged to Hayward & Bostwi
Do		R. R. Armour & Co	Hugh Partridge	. 1902	do	do	do	Drinking and manu	685	4	400	14	40	40		650	Sulphur	350	300	
Do	1½ miles east-northeast.	R. F. Barker		1885	do,	do	do	Domestic, stock, and	525	4	400	Few.		55			do			
Do	4½ miles east 1 mile southwest	John G. Christopher b.	Joyce		do	do	do	do	652	6 4	400	Few.		30± +2	39	600	Sulphur	420-510	Many.	
Do	½ mile northeast	Citizens Gas Co	R. N. Ellis	1903	Pleistocene	Vicksburgian limestone	Drilled	City supply Domestic and stock	. 800	6	45	3		58		865-970	Sulphurdo	{ 40-44 } 510-727	1.380	
2000	12 111105 200111111111111111111111111111															524, 750,	1	(510-727)		
Do		do		- 1905	do	do	do	City supply	- 984	10	494	5	55	50	*******	860- 980	}		1, 215	
Do	Seventh and Silver streets.	City waterworks			do	do	do	Public supply	980	12		Few.				850	Sulphur	700± -		
Do	Market and Phelps	do			do	do	do	do	900± 980	10		Few. Few.					do	700+ 700±	1,000	
Do	Hubbard near Phelps	do			do	do	do	do	- 980	10		Few.		50		950	do	700±	1,000	
Do	East Jacksonville	Commercial Ice & Fer- tilizer Co.			do	do	do	lee manufacturing	650			Few.		+					(c)	
Do	5 miles northeast	Cummer Lumber Co G. M. Diven b		-	do	do	do	Boilers and drinking	500+	6		a 15		+30 +Several.		800?	Sulphurdo		Many.	Forms scale in boilers.
Do	Near	Dodge & Cullins b Electric Light Co			Pleistocene	Vicksburgian limestone	Drilled	Windsor Hotel Not used	746	8 8	400	9		+35 +50			Sulphur and salt	50	Many.	Protective clay at 975+ feet.
Do	1½ miles east 2 miles west	Florida Cooperage Co	B. F. Partridge	. 1905	do	do	do	Domestic	500± 750	8		Few.		45± +		500±	Sulphurdo			
Do		turing Co.	Niel Prince	1902- 1906 1902	}do	Jacksonville formation Vicksburgian limestone	do	Boilers		21/2	80±	Few.		-		80±	Sulphur		Many.	Four shallow wells.
Do		doGas factory		1906	dodo	dodo	do do	doPublic supply	752	8		Few.		T			do		many.	
Do	2 miles northeast	Howard & Bostwick, ir.b						Domestic	708	6				+50	37+	487	Sulphur	300-399	400	
Do	2½ miles west	Jacksonville Brick Co. Jacksonville Electric	Hugh Partridge	1903	Pleistocene	Jacksonville formation Vicksburgian limestone	Drilled	Drinking, manufac	- 70 - 730	10	70			-16 47		385	do		Many. 1,500	
Do		Co. Merrill Stevens Manu- facturing Co.	do		do	do	do	turing, and power. Shipbuilding yards	750±	6		Few.		+		550±	do			Pressure, 24 pounds per square inch.
Do	9 miles northeast	J. E. Merrill			do	dodo	do	Domestic	750	6		Several Few		+60±		550+	do		Many.	Pressure, 24? pounds per square inch.
Do		D. F. Mitchelldo				do	do	Fountain Domestic and farm	890 750			a 10		+Many.			Sulphur		Many.	Reported pressure, 27 pounds per square inc
Do	1½ miles northeast	do			do	do		Manufacturing Ice manufacturing	650	6 5	********	Few.		+					500	
Do		Riverside Water Works Co.	Partridge	. 1902 . 1896	do	do	do	Manufacturing Public supply	950		440	Few.	62	+		630	Hard, sulphur		Many.	Pressure, 18 pounds per square inch.
	2 miles southwest	Riverside Water Co			do	do			720 850	10	70	1		48 +15		600-700 850	do	None.	Many.	The company owns another similar well.
		Water Works Co. b Springfield Ice Fac-	Partridge			Vicksburgian limestone				6		Few.		+					400	
Do		tory. Merrili Stevens	do	. 1889	do	do	do	Domestic and manu facturing.	669	6	400	5		62		500	Sulphur		800	
Do	2½ miles northeast	Wilson & Toomer Fer- tilizer Co.	do	. 1904	do	do	do	Drinking and manu	798	6	60.			50		796	do			
Do	7 mile southwest	Windsor Hotel(2 wells)			do	do	do	Domestic and stock.	689	8 6	60	a 15 Few.		+35 30±		650	do	50 .		
andarin	i mile east	J. D. Mead d				***************************************	1	tion.		4			******	+40		550	do		Many.	
Do		H. J. Reid d	Partridge		do	Jacksonville formation	do		157	11/2		a 15		+ -2 +Many.	150	157			Many. Many.	
Do		Ry. R. V. Douglas	Henry Van Dorn		-	Vicksburgian limestone	do	Supplies pavision	200	4	394	a 10		+47			Supiui		230±	Corrodes boilers.
xville		Florida East Coast	B. F. Partridge	. 1902 . 1900		do	do		650+	6				+55						Do.
blo Beach		Ry. John G. Christopher		. 1885	do	do	do	Public supply	511	8	265	a 10		+30+						Three wells drilled near did not affect yield
		Ry.			do			Supplies pavilion Domestic and irriga		4		a 10	******	+Few.		500 :	Sulphur	100000000000000000000000000000000000000		
Do					44.00			tion.	200	8		18	*******	+20	400		Hard, sulphur		Many.	
		Mrs. Mary P. Cum-						Irrigation	. 678	6				+30	618	619	do	80	Many.	
		Gen. G. M. Divens Cummings estate	Harold Simson		do	Vicksburgian limestonedo	do		800	6				+Several. +40+		500± 550		600±	Many. Many.	
Do	1 mile east	H. G. De Grove	D. F. Fartriage	. 1991	do	do	do	Domestic and stock Water power	. 600±	(e)	600±	a 15		+30 +46		004	Hard, sulphur	575	1,200 1,000	Forms scale in boilers. Pressure, 20 pounds per square inch.
		do.	Harold Simson		do	do	do	do	625		1		1	+40+			Hard, sulphur		1,500	

			4		7							Tal	Hee	d-				Depth		
Nearest town or post office.	Direction and distance.	Owner.	Driller.	Date sunk.	Surface formation.	Geologie source.	Type of well.	Use.	Depth.	Diame ter.	Casing.	Eleva- tion above sea.	Above sea.	Above or below surface.	Depth to rock.	Depth to principal supply.	Quality of water.	of second sup- plies.	Yield per minute.	Remarks.
tioch		Buay Fagel					Drilled		Feet.	Inches.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.		Feet.	Gallons.	
eair	mile south		T. J. Zimmermando	1905 1896	Pleistocene	Tampa formationdo	do	Irrigation	. 135	6	50 26	45 a28		-43 -25		50 70	Hard	40	Several.	
Do		Clearwater Ice Co	do	1904	do	do	do	Not used Public supply and ice factory	. 80	6	36	27				75±	do	12 36-	Several.	
Do		J. R. Davey b	Wm. Taylor	1900 1903	do	do	do	Not used	52 43	6	36 36 33	27 27 27		-26 -26	20	52 41-43	do	36- 38- 15	200	
			John Philpot	1898	do	Tampa formation	Drilled	Domestic, except drinking	76 125	2 4	125	35 a25		-18 -24	20	74 120	do	15	Many. Several.	
nedin	11 miles north	L. B. Skinnerdo	T. J. Zimmermando	1904	do	do	do	Irrigationdo	. 50	11/2	125 50 80	a20		+ 1-			Sulphur, slightdo		Few. Many.	Flow.
Do	1 mile north	do	Hughes Spec. Well		do	do	do	do	60	6	30+	a20		- 6 -33		55 340	do		Few.	
nt City			Drilling Co.		do	Vicksburgian limestone	do	Public supply		10,8	260					340	Sulphur		500	
	3 miles southeast.	Coronet Phosphate Co. E. W. Mays	do	1909	do	do	do	Domestic stock	40	16,12	800	a125 a135		-39			do		1,010	
	••••••	Plant City Ice & Power Co.		1906	do	do	do	Ice manufacturing	600±	51				-			••••••		Many.	
Do	1 mile southeast	do	Read	1902	do		do	do	180 180	8		65		-31 + 1	40 165	176 176	Hard	None.		
	do	Refrigerating & Power						Ice and electric plant				60		T 1	100	170	Soft	None.	60	March and the second
	3 miles southeast	E. C. Stewart	Pickney	1908	Pleistocene	Pleistocene	Deimon	Dublia manla	1	10	25	135		Sev-			••••••			Not completed.
					do	Vicksburgian limestone	Driven Drilled	Public supply Locomotives	300	31	60?	20		eral.	j	25	Sulphur		1,500	Typical well of the ci- Forms scale in boilers
D0		A. P. Avery Bay Bros. Investment	W. W. Jacobs	1906	do	do	do	Drinking Domestic and stock		3 6	70 78	a5 12		+		130	do		8	Torms sould in bollers
		Co.									10	12				100		400		
Do		Chas. Broof	Abner Powell	1908 1902	do	do	do	Domestic	2034	10		42	+17	+			Sulphur, slight		100 93	
Do		Crystal Ice Codo	W. W. Jacobsdo		do	do	do	Ice manufacturingdo	178 265	6		a10		-2			Sulphurdo		Many.	Do. Do.
Do		do	do		do	do	do		150	4		610 (Sev-		- 2					Many.	Abandoned.
The state of the s		W. P. Kerr			do	do	do	Irrigation				eral.	}	+0			~			
Do	At end of dock	E. H. Tomlinson				do	do	By boatsPublic supply	90 432	10	80	5 a35		-22		130	Sulphur Hard and sulphur	130±		Drill dropped 5 feet wh struck hard water;
				1					1											phur water encoun below.
mpa Do		City waterworksdo	Abner Powelldo	1902 1902	do	do	do		193	10	70± 70±	9.86	+17				Sulphur, slightdo	168-182	108 214	1
Do		do		1904 1904	do	do	do		1971	10	97 103	9.31 15.59	+17			192	do	97-116	250	
Do		do	do	1904	do	do	do	····	2021	10 10		12.39	1				Sulphur, slight		50	9 of these 11 wells are
Do		do	do	1904 1905	do	do	do		203	10 10	65	8					do	150	225 150	for public supply; held in reserve.
Do		do	do	1905 1905	do	do	do		328 206.4	10 10	65 67 58½ 52 61	91 91 2.76					do		200	
Do		do	do	1905 1905	do	do	do	·····	206 ₁ 201 ₁ 202 ₁	10	52						do			
Do		do	do	1906	do	do	do		249	10		5.18					do		80	
	4 miles north	W. N. Camp M. M. Jatton	Abner Powell	1902	do	do	do	Irrigation	250 111	6 3	70	10 c47			20		Sulphurdo		Several. Few.	
Do	•••••••	Mrs. Murray		1906	do	do	do	Locomotives	137 245	3		a8		-37			do		Few. Many.	Forms scale in boilers
DO		Tampa Electric Co		1903 1907	do	do	do	Used littledo	450 860?	8	150+ 150+	a6		+1		350	Sulphur and saltdo	300±	400 400	Flows at high tide. Do.
Do		Tampa Gas Co			do			Gas factory	80+	4		410					Hard, sulphur	300±	Several.	Forms scale in boilers
		ber Co.	Abner Powell	1905		Vicasourgian inneswite	do		328	10	23						do		Many.	
Do		Tampa Ice Codo	E. W. Smithdodo		do	do	do	Ice factorydo	100	10	90 60	Several. Several.		-10 -16			do		Several.	
	,	Tedder-McLeod Lum- ber Co.	Abner Powell		do	do			286	6	78			1		150-160	Sulphur	160+		
Do		Tropical Ice Co	Smith		do	do		Ice factory	300+	10	40	a4 a4		-3 -3		150 150	do		300	
rpon Springs		City	De Long	1907	do	do	do	Public supply	57	6	42	a 22		-21		55			80	
Do		do	dodo	1907		do	do	do		6	65 65	a22		-21 -21		100	······		80 80	
onotosassa	2½ miles southeast.	T. J. Baker	Abner Powell	1906	do		do	Irrigation	380	<u>R</u>	42			-16 -7		375	Hard		Many.	
		Tampa Power & Trac-		1907		do		Boilers		8							do		Few.	Do.
or City		Havana Lumber Co	Abner Powell	1905	do	do	do	Not used	226	6	42			-5		125	đo		Many.	Do.
Ъ0		ber Co.	do	1903	CONTRACTOR OF THE CO	do		Boilers		8	16	a5		-2			do		Many.	Do.
Do.	1 mile northeast		do	1904 1901	do	do	do		132	8	18	c 5		-5½ +3		98 50+	do		Many. Few.	Do.
Do		Reed, et al			do	Pleistocene	Driven	00	. 00	13	50			-20		45+	Hard		Few.	2 wells.
Do	.	do	do		do	do		Cooling condensers	. 393	6	93			-4			Sulphur		Several.	2 Wells.
Do		do	do		do	do				6	90 ′	*******				down.	đo			
			A TTT No. 141		10 A	do			360		135	,		-7		125 ft. and	do			

							File			Eleva-	Hea	Head— Dep		Depth	oth	Depth				
Nearest town or post office.	Direction and distance.	Owner.	Driller.	Date sunk.	Surface formation.	Geologic source.	Type of well.	Use.	Depth.	Diam- eter.	Casing.		Above sea.	Above or below surface.	Depth to rock.	to principal supply.	Quality of water.	to sec- ond sup- plies.	Yield per minute.	Remarks.
	1 mile east ½ mile north	Maj. A. J. Adams a Barrack Bradentown Water-	W. W. Jacobs	1905 1908	do	. Vicksburgian limestone	Drilled	Domestic	Feet. 395 381 410	Inches.	Feet.	Feet. 14 b 8 b 20	Feet.	Feet. +19 +18 +15	Feet.	Feet. 347 370± 60.80	Hard, sulphurdo	Feet.	Gallons. 150 Many. 500	Forms scale in boilers.
Do		works Co.	do	1908	do	do	do	do	427	6	270	b 20		+15		110, 180 60, 80, 110, 180	do		500	Do.
Do Do	2 miles south	J. A. Fletcher. H. W. Fuller Manatee L. & P. Co	Taylor & Sons	1907	do	do	dodododo		500 440 450	41-5	200	c 17		+		400 300	Sulphurdododo		100	
Do Do		Manatee L. & P. Codododo		1905	do	do. do. do. do.	do do do		372 200 587 287	7	180	b 16 b 16 b 16 b 16		17½ + + + 1		180	Sulphur.		Many. Many. 200	Pumped with air lift.
Doortez		D. W. Turner Mrs. J. C. Brutten C. D. Fuller	E. J. Pettigrew L. Sims	1898 1907	do do	- dodododododododo	do do	Domestic and stock Irrigation	587 287 384 420 360	4 3 41	200± 163	b 2 b 12		+22 ² +32 +25	· · · · · · · · · · · · · · · · · · ·	300–375 365	Sulphur; some salt Sulphur.	140	Many. Many. Many.	Salt water at 90 to 100 feet
Do	1 mile west ½ mile north do	C. S. Harlee. J. J. Hurst. E. Nichols A. B. Ladlock a	Owner		do	dodododo	do	do	470 380 400 400	4½ 4½ 3	160 250 270	b 12 b 14 b 12 20		+15 +22 +25 +20		370 370 200	dodo	200	Many. Many. Many.	
Do Do	dodo	A. B. Ladlock a Mrs. E. Swift Alex. Watson	Williams		Pleistocene dodo	Vicksburgian limestone dodo	Drilled do	Irrigation	540 380 382	41 41 41 3	327½ 282	b 8 b 13 b 13	+30	+20		453 293	Sulphur; very strong Sulphurdo	321 293+	Many. Many. Several.	
	1 mile west	D. M. Gibbs Eason & Stearns			do	.]do	do do	dodododo	400 300	3		b 10		+17 +20 +20		350	do	350+	Many.	
Do	1½ miles southeast.	A. W. Wallace Mrs. A. J. Adams Central Hotel Mrs. Minerva Coombs a	E. J. Petugrew	1904	do	do	do	Domestic and stock Hotel Irrigation	460± 400+ 350	3 4 3	400	b 10 b 15 10		+24 + +12		400 263 350	Sulphurdo	50, 150	Many. Few. 100	
	1½ miles southeast. 9 miles southeast.	D. B. Curry. Excelsior Ice Co S. C. Gates a Oscar Krause.	W. D. Holcomb		do	Vicksburgian limestone Olimpian limestone Vicksburgian limestone	do	Cooling condensers Irrigation do	410 407 286 385	4½ 5 3	265	b 26 b 20 Few.	15	+12½ + +8		320 2 175	Sulphurdodo		Many. 70 40 150	Protective clay present.
Do Do	mile northeast miles west	A. J. Pettigrewdo a	Jacobs Owner do	1899	do	do	do	Hotel Irrigation Stock	400 364 368	6½ 3 4	100 200±	b 6		+30 + +20	38	210+ 300 348	Hard		Many. Many. 150	Trocective diay present.
Do Do	mile south mile southeast mile south	J. H. Viser	E. J. Pettigrew	1897	do	do	do	Drinking. Irrigationdo	80 505 400 300+	2 4 ¹ / ₂ 4	260 300	b 20 18		+ -6 +20	505 15, 30	460 300 300	Harddo		Few.	
Do Do prey ma Sola	mile east 2 miles northwest	J. W. Wiggins F. E. Smith C. N. Pettigrew a		1908	do	Vicksburgian limestone	do	Domestic and irrigation Domestic and irrigation	398 367 352	5 3 3	325 165	b 10 12	b 16	+20 +20 +15	22 48	320+ 300 292	HardSulphur	120	150 40 30	
Do	3 miles north 1 mile east 2½ miles north 1½ miles north	A. R. Bishop Courtney Bros. G. I. Dickie a W. O. Harrison	Olive		do	Vicksburgian limestone do Vicksburgian limestone	do	Domestic	370 520 386	4 3½ 3	42 520	b 8 b 12 16 b 15		+ 2 +15+ +13	273	300+ 400 286+	dodoHard, sulphur	125	Many. 140 55	
Do Do Do	1 mile north 2 miles north	Manatee Lemon Co.a Schuyler Poitesent a	C. E. HII		do	do	do	Domestic	373 415 450 426	4½ 3 4 3	252	b 12 8 12		+20 + +10 + 4	200 185	450	Sulphur. Hard.	Several Several	Many.	
Do Do	i mile eastdodo	F. D. Lowry H. O. Lowry	C. E. Hill	1907	do	Vicksburgianlimestone	do	Domestic and stock	600 550 582	3 6	300	<i>b</i> 6		+25	 	500		200	100+	No rock to bottom of cas
Do	1 mile eastdodo	J. Parrish R. E. L. Turner		1907	do	dododododododododo	do	Irrigation	522 975 555 550	8 3	300 101 300	b 33 b 33 b 33		-1 -2½ -2½		500± 300± 300-320 300-320	Hard		Many.	Forms scale on casing. No rock to bottom of cas
Do		A. W. Bradley David Backamon Col. J. H. Gillespie			Pleistocene	Vicksburgian limestone	do do	Stock and drinking Irrigation, etc Domestic and irrigation		2 4	40? 30–50	b 15 b 3 b 15	18	- 5 15± +20±		400±	Hard		Money	
Do	•••••	Co.a			do	do	do		440± 40 128	4	120	15 15	+20±	+ 8	90	72	Sulphur	T. 1997	Many.	
Do		J. H. Lord adodo				Vicksburgian limestone		tic, and irrigation.	400 450±	6 4	30-50	20 8 15		+3 +20±		400±				
Ta Ceia	12 miles northwest.	Benj. Stickney F. C. Armstrong Barville	C. A. Wimsett	1907	do	dodododo	do		259 1 507	3 3	164 	b 12 b 6	+30 +30	+16 +32	220	208	SulphurIron, sulphur		Very many Very many 300	Channel near bottom.
Do	mile north	Chas, Blood a. H. H. Davis. E. B. Dale a. Frank F. Haley.	C. A. Wimsett	1907	Pleistocene	Vicksburgian limestone Vicksburgian limestone	Drilled	Irrigation	360 356 378 353 350	3 3 3	246 196	15 15	+30	+18		258 360	Hard, sulphur	Several 290	Many. Many.	
Do	mile northeast	Howard & Kennedy a.						do		3		12		+Sev- eral. +20? +20	70		Hard, sulphur, magnesia Sulphur	188	1200 250 Many.	
Do Do	i mile west	E. S. Hubbard a A. G. Lisles J. G. Powers a Mrs. E. A. Robb	C. A. Wimsett		T Tempocome	Vicksburgian limestone Vicksburgian limestone	Dimette	ATTISCHOTTO	287 343 343 ³	4½ 3 3	314	8 b 6		+18		340 332	Sulphur.	102 244	90 125 Many.	
Do	1 mile northeast	Stephens & Weaver Terra Ceia estate A. D. Wright	do	1906	do	dodododo	do	do	3433 3483 322 336	4½ 3 3	192 224 265	b 5 b 4 b 8	+30				do	177+ 67-	Many. Many. Many.	



Typical wells of Volusia County.

Nearest town or post office.	Direction and distance.	Owner.	Driller.	Date sunk.	Surface formation.	Geologic source.	Type.	Use.	Depth.	Diam- eter.	Casing.	Eleva- tion above sea.	Above sea.	Above or below surface.	rock.	Depth to princi- pal supply.	Quality of water.	Depth to second sup- plies.	Yield per minute.	Remarks.
BulowDoronadoDo	mile southwest	B. K. & B. Co.a J. H. Dass. J. Y. Detwiler a. A. L. Miller. Town.	Bellew & Milton	1906	Pleistocene		Drilled	Drinking Irrigation and drinkin Drinking Stock and drinking	g 132 105 100	Inches. 3 2 3 3 2 2 11 2 2 3	95 100(?)	Feet. 13 5 10 8 6 10 5 10 4-14	Feet.	+ 6 + 2± ±		105			Gallons. 50 25 1-2	Flows only at high tide.
Daytona		Geo. H. BrownBurgoynedoBusch estate	do	1908 1901	do do	limestone. dodododododo	Drilleddodododododo	Domestic and stock	98 - 164 - 157 - 160	2 3 2 4 3 3	85± 87 96 85 85 87 83	4-14 56 53 53 53 53 53 53	+14 +14 +14 +14	+12		90+ 88+ 98 85+ 85+ 115	Sulphur, slight		Many. 140 90 120 90 180 180	
Do Do Do Do	2 miles north.	J. C. Combs Daytona Ice & Electric Co do Horida East Coast Ry. W. H. Heath a.	do do	1905 1902 1903	do	Vicksburgian limestone. do. do. do.	dod	Not used. Domestic.	157 150± 148 150 240 280 125	3 2 4 4 4 4 4 2	84 85 84 85 85 85 84	63 65 63 63 63	+14 +14	+11 +11 +11 +11 +11 +5	125	84+	do	10-45 10-45 10-45 10-30 88	150 Many. Many. 160	Forms scale. Reported poor water. Corrosive.
Do Do Daytona Beach Do Do Do Do Land	½ mile northeast	Geo. MacDonald. Schmitz Villa J. H. Donnelly E. C. Hibbard Col. J. H. Shafiner Mrs. Julia Stewart W. B. Burgess a.	dododododo	1906 1906 1907 1906 1907 1885	dododododododo	Vicksburgian limestone. do. do.	dodo	Hotel. Domestic and stock. Hotel. Domestic. Domestic and power. Domestic.	112 157 155 148 159 140 205	4 2 4 2 1½ 2 1½ 2 1½ 3	84 90 94 90	b 3 b 8 b 5 b 15 b 19 b 9	+14	+ 3+ + 9 + 4 + 0 + 2	90 94 90 95	155	dododododo	10+		Use hydraulic ram. Flows a little. Use hydraulic ram.
Do Do Do		do	W. F. Hamilton	1906 1896	do		Drilleddo	Public supplydodo	264 490 269 300 285	3 6 10 6,2	108 108 100	80 b 101 b 101 40-90 b 101 b 101		-26 -50 -30	100	None below 26, 4 200 200±	Sulphur			No action in boilers. Do.
Do Do Do Do Do Land (Lake	4½ miles southwest.	Harriet Haines (well at Glenwood).a O. A. Hatcher a. G. W. Lancaster a. J. B. Stetson a. J. B. Taylor. D. M. Hess a.						Irrigation, domestic. Irrigation, ice manufacturing.	170 150 272 334 100	4 3 2 12 2 6	1	60 130		$ \begin{array}{c c} -70 \\ -34 \\ -79 \\ + 3 \end{array} $	140	100	Soft, sulphur	Several. Several.	Many.	
Helen). De Land Junction. Do	9 miles below	Atlantic Coast Line Beresford Celery Co A. De Barry (3 wells). Mrs. Earny Jackson and A. M. Stead	Merwin	1907	Pleistocenedododododododo		Drilleddodododo		105-108	4	104	10± 10±		+ 3+			do		Many.	
Do Do Do Do Enterprise	lake.	do		1907	do.		dododododododo	Drinking	135	2,1½ 2,1½ 1½ 2 2 2	40± 40± 40± 40± 40±	Few. Few. Few.		+0			Chalybeate		Many. Many. 30?	All mud to 116 feet. The shell, red clays, and roc
Junction. Enterprise (Lake Mon- roe). Glenwood Do	1 mile northwest	H. R. Geddes			Pleistocenedododo		do	Domestic	190 135 60 60	3 3	60 60			+10 -16 + +		190	Sulpburdo			Water would rise 10 to 12 fe above river. Do. Do.
Do	Near 1 mile north	G. W. Harrisa C. C. Malone.	Milton & Bellew Bellew & Milton	1907	Pleistocene	limestone.	Drilled	Domestic and stock. Domestic and irrigatic Domestic.	130–160 163 105 135	1 1 2 2 1 1 2 2 1 1 2 2 1 2 1 2 1 2 1 2	85	15 5 9			89 95 85	130 163 95 135	dodo Hard, sulphur Sulphur Hard, sulphur, magnesi Sulphur Hard, sulphur, magnesi	89, 105 a 10	Many. 2 15 10 16	Do.
DoDo	½ mile north ½ mile southwest	W. W. Wetherell a J. B. Taylor E. G. Blake a Bond Sand-lime Brick Co. E. M. Bond Co Lake Helen Mig. Co.a.			Pleistocene		Drilled Drilled	. Mot used	112 96 160 Av. 13 one 140 Av. 13).	76	70		+ -42 -28 -28 -31	96	138 112 100	Hard	80	Few.	Corrodes pipes, Spring (well). Several wells. Two or more wells.
Do Do Do Do		G. P. Ware	do	1897	dodododododo	limestone.	do	Domestic Abandoned Drinking Hotel	238 125 144 145 108	2 3	0.0	Sev- eral. Few.		+5 +5 +Sev- eral. +Sev- eral.	. 76	108	Hard, little sulphur. Sulphurdo	90-100		6
Do	miles north. Horn Grove	W. E. Connor, No. 2. W. E. Connor, No. 3. W. E. Connor, No. 4. W. E. Connor, No. 5.		1906	do	do	dodododododododo		110 121 118 124 125 109-115	2				+5 +5 +5 +5 +5 +5 +5 +5			dododododododo.			Three wells.
Do Do Oak Hill Do Do Orange City	South	Florida East Coast Ry.a Ronnock Grove (B. F. Clifton, Mgr.). J. P. Turner W. L. Goss. Owen & Little P. L. Wright. Albert Dickinson.	Haven & DeLand H. C. Haven	1902	Pleistocenedododododododo		do do do	. Domestic	92 1305 1305 1306	3		Few.		+ + + + +		92	Sulphurdodo			Five wells. This well not used; plugg at 660 to keep out s
Do Do Do	1 mile east 1 mile west 2½ miles east	W. B. Hubner Wm. Laws Orange City Mineral	Haven McDonald	1905	do		do	Boilers and drinking Not used	175 157 117	2 4 3 10		c 14 c 40 c 40		-		170	. Soft.			water. Drill reported to have dropped 17 feet at botto of well. No action in boilers. Formerly used at sawmi but mill now abandoned.
Do Do		Spring Co. Wm. A. Barker Chas. Bostram. J. A. Bostram. Jas. Carwell a Constantine Hotel Ormond	Bellew Bellew & Milton	1905 1885	Pleistocenedodo	Vicksburg i an limestone, do	Drilleddodo	Domestic and stock. All purposes. Domestic and stock. Not used.	115 160 230 152 779 752	2 2 3 2 3 8	90-1 770 400		+12	+Sev- eral.	80	140	750. Fresh to 180; salt, 400- 550.	90 215-750	Several. Many. 150	Corrodes metal. No wat from 550-752.
Do	R. 32 E.	dodododododododo.	McNerrydo Walker adododododododo	- 1899 - 1905 - 1900 - 1900 - 1890 - 1905 - 1885	Pleistocenedo		Drilleddododododododo.	Bottling	280 352 225 240 1804 160 165	10 10 6 3 2 2 2 3	93 93 90+ 90+ 90 90		+26 +26 +26 +26	-2 +8 -2½		200-240 200-240 144 140 150 170			Several. Several. Several. Several. Many.	Abandoned. Owns five wells.
Do. Do. Do. Pierson. Ponce Park Do.	Near ½ mile north. Near Near	N. L. Pierson a. J. R. Ellison a. Joseph Hasty Mrs. N. Hasty do.	Haven Merley & Douglas	1888 1907	Pleistocenedododododododo		Drilleddododododododo.	Domestic	160 200 95 150 118 45 95	2 2 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	80+ 90 80	5 5 5 5 5		+8 +9 +9 -40 +8 + +7 +8 ev- eral.	92	904 160 85		90-1 10 92,108	. Many.	
Do Port Orange Do	½ mile south ½ mile south	B. J. Pacette. United States Mosquito Light. Theo. Rhodes Egbert Carpenter. Dorrance. Jas. Teddy. D. W. Winn	D. W. Winn dodo	1889 1907 1907 1907	do		dod	dodododododoDomesticand irrigatic	125 100 97 on 112 90	11 11 11 11 11 11 11 11 11 11 11 11 11	80 85 88	12 84 63	+ 10 + +8 +10	+8½ - +11		85-1 90-1 90-1 90-1	do		Many. 25 20 Many.	Analysis lighthouse en neer, War Departmer Charleston, S. C. Unusually free from sulpha
Do Sea Breeze Do	1 mile southwestdo 2 mile east 1 mile northeastdo 4 mile northeast 2 mile northeast 4 mile northeast 2 mile north	D. W. Winn. do. The Clarendon. Country club. The Haller The Zoological Garden. F. G. Stuart G. W. Wells.	dodododododododo	1907 1904 1907 1907 1907 1907	do	limestone.	do	Irrigation Hotel and boilers Drinking. Hotel Supplies garden. Hotel	112 168 150 140-145 148		90 80± 80±	5 5 5 5 5 5 5 5 5 5		+11 +11 ±0 -3 +6 +1+		90-			Many. 1,000+ Few. Few.	Forms scale. Hydraulic ram used.